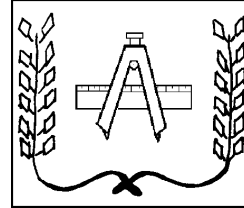


**DRAUGHTSMAN**  
**INTEREST BADGE**


Date Passed

Signed

1. Define the following
  - a) a point;
  - b) a line;
  - c) a straight line;
  - d) parallel lines;
  - e) a horizontal line;
  - f) a vertical line;
  - g) an oblique line;
  - h) a right angle;
  - i) an obtuse angle;
  - j) an acute angle.

\_\_\_\_\_ 1
2. Show that you have a knowledge of the following drawing instruments:
  - a) a drawing board;
  - b) a T-square;
  - c) a set square;
  - d) compasses;
  - e) dividers;
  - f) scales.

\_\_\_\_\_ 2
3. Draw the following views of a box 1 metre wide by 0,5 metres high by 2 metres long, using a convenient scale:
  - a) isometric;
  - b) oblique;
  - c) pictorial;
  - d) development.

\_\_\_\_\_ 3
4. Draw projections and the development of a truncated cylinder.
 

\_\_\_\_\_ 4
5. Demonstrate the difference between "third angle projection" and "first angle projection".
 

\_\_\_\_\_ 5
6. Draw a single line plan of a dwelling house to scale. Include in your house 2 bedrooms, a kitchen, a family room, 1 bathroom, and a single garage, the roof to be of the mono pitch design. Project the front and side elevations and draw a section. Drawing to be done in pencil. The plan must be neatly and correctly dimensioned and labelled.
 

\_\_\_\_\_ 6